

AMENDMENTS TO THE SPECIFICATION:

Please replace the title with the following amended title:

An Elevator Apparatus that Detects an Accurate Running Speed of an
Elevator Car that Operates Over Speed

Please replace the section entitled "Disclosure of the Invention", beginning at page 2, line 1 and ending at page 3, line 5, with the following Summary of Invention:

Summary of Invention

The present invention has been made to solve the above problem and therefore an object of the present invention is to obtain an elevator apparatus capable of detecting more accurately that the running speed of a car reaches an over speed.

To this end, according to one aspect of the present invention, there is provided an elevator apparatus including a car for ascending and descending in a hoistway. A controller controls the ascending and descending of the car. A car speed detector detects a running speed of the car and a car position detector detects a position of the car. An over speed monitoring portion receives information from the car speed detector and the car position detector, compares an over speed set correspondingly to the position of the car with the running speed of the car, and actuates brakes when the running speed of the car reaches the over speed. The over speed monitoring portion sets the over speed independently of the controller.

Further, according to another aspect of the present invention, there is provided an elevator apparatus including a car for ascending and descending in a hoistway. A car speed detector detects a running speed of the car and a load weighing device detects a weight of the car. An over speed monitoring portion receives information from the car speed detector, compares a set over speed with the running speed of the car, and actuates the brakes when the running speed of the

car reaches the over speed. The over speed monitoring portion adjusts the over speed according to car weight information obtained from the load weighing device.